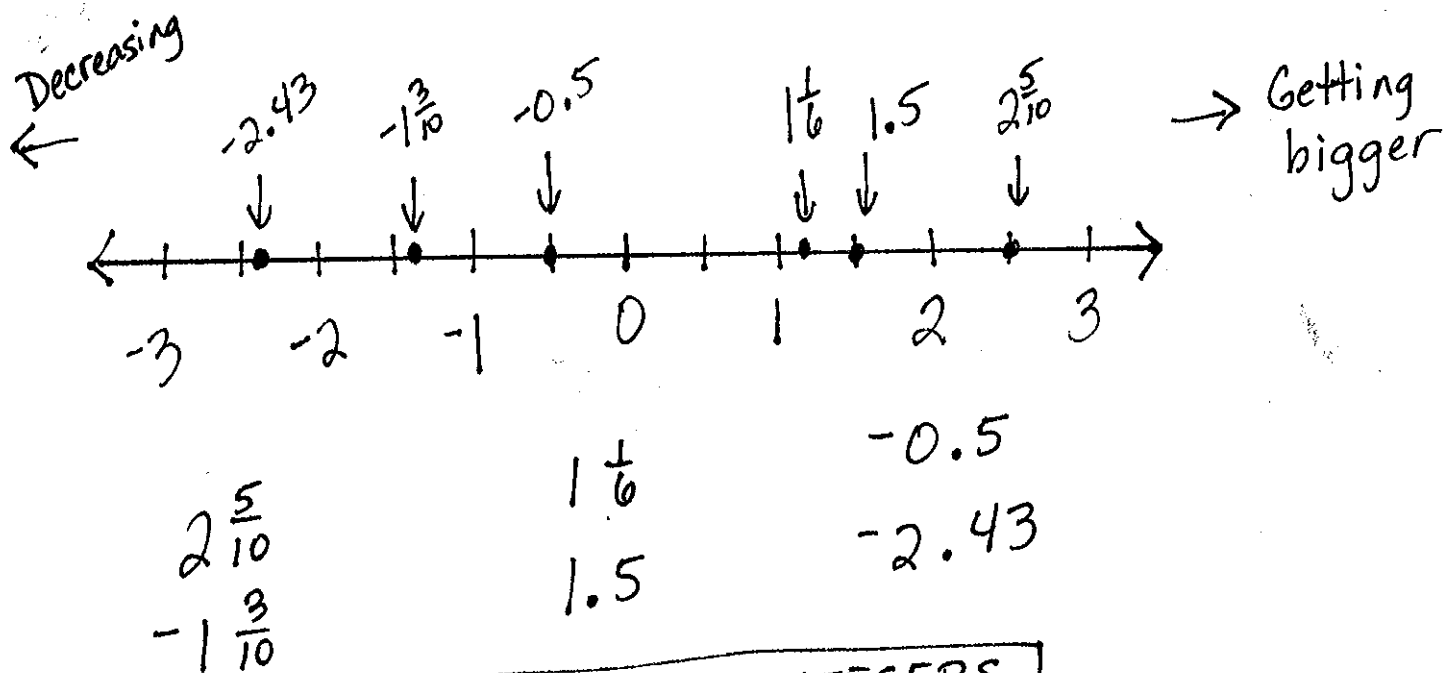


10-17-12

COMPARING & ORDERING INTEGERS ON A # LINE

- * 0 is in the middle
- * Positive #'s are to the right
- * Negative #'s are to the left & are like a mirror image of the pos. #'s



COMPARING INTEGERS

$$-2.43 > -2.5$$

$$1\frac{1}{6} < 1.5$$

$$-1\frac{1}{6} > -1.5$$

$$-2.1 < -2$$

- ** The closer a neg. # is to the positive side (or 0), the larger it is

ORDERING INTEGERS

Ex: -2.99 , -2.13 , $-2\frac{9}{10}$, $-2\frac{3}{5}$, -2.999

\downarrow \downarrow

-2.9 -2.6

$$-2.999 < -2.99 < -2.9 < -2.6 < -2.13$$

$$\begin{array}{l} -2.990 \\ -2.130 \\ -2.900 \\ -2.600 \\ -2.999 \end{array}$$

$$\begin{array}{l} +2.990 \\ +2.130 \\ +2.900 \\ +2.600 \\ +2.999 \end{array}$$

$$2.13 < 2.6 < 2.9 < 2.99 < 2.999$$